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**ONCE UNDER 37 C.F.R. §1.116  
EXPEDITE PROCEEDINGS  
GROUP ART UNIT 3743**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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3743

In re patent application of

Docket No.: NU-98035

**Akira Okamoto, et al.**

Serial No. 09/198,376

Group Art Unit: 3743

Filed: November 24, 1998

Examiner: A. Flanigan

For: **Thermal Control Device**

Box: AF1

Assistant Commissioner of Patents and Trademarks

Washington, D.C. 20231

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**REQUEST FOR RECONSIDERATION**  
**UNDER AMENDMENT UNDER 37 C.F.R. §1.116**

Sir:

In response to the Office Action dated June 28, 2000, reconsideration of the above-identified application is respectfully requested.

**REMARKS**

Claims 1, 4-6, 11-19 and 26-30 are currently pending. Attached hereto is an English language translation of the Okamoto article requested by the Examiner in the office action dated December 15, 1999. Applicants respectfully request reconsideration of the pending claims in view of the following remarks.

Claims 1-4, 11-13, 16, 17 and 26-30 were rejected under 35 U.S.C. §103(a) over U.S. Patent No. 3,565,671 to Teeg et al. in view of U.S. Patent 5,562,154 to Benson et al. Claims 5, 6, 14, 15, 18 and 19 were rejected under 35 U.S.C. §103(a) over Teeg et al. in view of Benson et al., and further in view of U.S. Patent No. 5,608,414 to Amore. These rejections are respectfully traversed.

The present invention is directed to a heat control device used specifically in space applications. The use of heat control devices are of great importance in space applications due to the extreme temperature fluctuations encountered in the vacuum of space. More specifically, a spacecraft such as, for example, a satellite,